

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Kazunari MATSUI

Serial No. 09/852,613

Filed: May 11, 2001

For: METHOD AND APPARATUS  
FOR GENERATING  
ORTHOGONAL  
FREQUENCY DIVISION  
MULTIPLEXED SIGNAL



Art Unit: 2661

Examiner:

Atty Docket: 0102/0164

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

For insuring compliance with the applicant's duty of disclosure under 37 CFR § 1.56, the undersigned hereby submits the documents listed on the attached Form PTO-1449 for consideration by the Examiner in charge of the above-identified patent application.

A concise explanation of the non-English documents are attached.

These documents are being submitted (check only one of the next four boxes):

- ☐ within three months of the filing of the above U.S. national application or of the date of entry of the U.S. national stage in an International Patent Application (no fee is due);
- ☒ before receiving a first Office Action on the merits of the above-identified patent application (no fee is due);
- ☐ following receipt of a first Office Action, but before issuance of a Final Office Action or a Notice of Allowance (if this box is checked, one of the last three boxes also must be checked);

OR

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☐ following receipt of a Notice of Allowance or a Final Office Action (if this box is checked, the next box and one of the last three boxes also must be checked).

☐ PETITION - The undersigned hereby requests consideration of this information after mailing the Final Office Action or Notice of Allowance by filing this Petition under 37 CFR § 1.97(d)(2)(ii) and attaching Check No. in the amount of \$130.00 as the petition fee set forth in 37 CFR § 1.17(i)(1).


☐ Check No. in the amount of \$180.00 is attached in payment of the fee set forth in 37 CFR § 1.17(p).

[XX] The undersigned certifies that each item of this information is being submitted within three months of the date it was cited by a foreign patent office in a counterpart application.

☐ The undersigned certifies that, after making reasonable inquiry, he/she has no knowledge that any item of this information was cited by a foreign patent office in a counterpart application or was known more than three months prior to this submission.

The Commissioner is hereby authorized to charge payment of any deficiency in the above fee(s) or to charge any additional fees required under 37 CFR § 1.16 or 1.17 or credit any overpayment to Deposit Account No. 50-0501. A duplicate copy of this authorization is attached for the Finance Branch.

Respectfully submitted,



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Louis Woo, Reg. No. 31,730  
Law Offices of Louis Woo  
1901 N. Fort Myer Drive, Suite 501  
Arlington, Virginia 22209  
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Date: Dec 19 2001

FORM HDP-1449 (Based on Form PTO-1449)  <b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)  Sheet 1 of <u>1</u>	ATTORNEY DOCKET NO. 0102/0164	SERIAL NO. 09/852,613	<b>RECEIVED</b> <b>DEC 21 2001</b> Technology Center 2600
	APPLICANT Kazunari MATSUI		
	FILING DATE May 11, 2001	GROUP 2661	



U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
		5,268,938	12/7/93	Feig et al.		

FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation	
						Yes	No
		10-107758	4/24/98	Japan		x	
		9-294115	11/11/97	Japan		x	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc. )		
Ref. Desig.	Examiner's Initials	
		AHMAD R.S. BAHAI AND BURTON R. SALTZBERG: "Multi-Carrier Digital Communications-Theory and Applications of OFDM" 1999, KULWER ACADEMIC/PLENUM PUBLISHERS, NEW YORK XP00 177856
		SALTZBERG B R: "COMPARISON OF SINGLE-CARRIER AND MULTITONE DIGITAL MODULATION FOR ADSL APPLICATIONS" IEEE SERVICE CENTER. PISCATAWAY, N. J, US

EXAMINER:	Date Considered:
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation in conformance and not considered. Include copy of this form with next communication to applicant.